

# **DART SERVICE INSTRUCTION**

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-702 REV. E AND  
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-702 REV. 3

REF TCCA STC SH04-7

REF FAA STC SR01997NY

REF EASA STC EASA.I.M.R.S.00710

## **PURPOSE**

THE PURPOSE OF THIS DSI IS TO ADD THE D214-702-037B AFT FACING SHOULDER HARNESS KITS FOR THE 5-MAN AFT FACING SEAT THAT IS INSTALLED ON THE 214B/B1 MODEL AIRCRAFT.

## **PARTS LIST**

QTY -037B	PART NUMBER	DESCRIPTION
X	D214-702-037B	DART 5-MAN 3 POINT AFT FACING SHOULDER HARNESS KIT
1	D412-702-111B	HARNESS ASSEMBLY (EXISTING)
1	D412-702-113B	HARNESS ASSEMBLY (EXISTING)
1	D412-702-121B	HARNESS ASSEMBLY (NEW)
1*	D3570-3	BRACKET
1*	D3579-047	SHOULDER HARNESS ASSEMBLY
4*	MS24694S50	BOLT
4*	AN960JD10L	WASHER
4*	MS21042L3	NUT
1	D412-702-123B	HARNESS ASSEMBLY (NEW)
1*	D3570-4	BRACKET
1*	D3579-048	SHOULDER HARNESS ASSEMBLY
4*	MS24694S50	BOLT
4*	AN960JD10L	WASHER
4*	MS21042L3	NUT

CONTINUES ON SHEET 2

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED	
BY: 	D. SHEPHERD (DE # 02)
DATE: 09.04.22	
CERT. NO.: SH04-7	
ISSUE NO.: 3	

B	SHEET 2 P/L AN4-25A BOLT WAS AN4-22A. SHEET 3 DETAIL A, ADDITIONAL ROW OF FASTENERS ADDED. SEE PAR 09-014.	AJS	09.04.22
A	NEW ISSUE	AJS	09.03.31
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	<b>DART AEROSPACE LTD</b>	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. B
MFG. APPR.	N/A	DSI 9454	SHEET 1 OF 4
APPROVED		TITLE	SCALE
DE APPR.		NEW INSTALLATION FOR 214B/B1	NTS
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CONTINUED FROM SHEET 1

**PARTS LIST**

QTY -037B	PART NUMBER	DESCRIPTION
X	D214-702-037B	DART 5-MAN 3 POINT AFT FACING SHOULDER HARNESS KIT

1	D412-702-119B	HARNESS ASSEMBLY (NEW)
1*	D3925-041	SEATBELT REEL BRACKET ASSY
1*	D3579-048	SHOULDER HARNESS ASSEMBLY
4*	MS24694S50	BOLT
4*	AN960JD10L	WASHER
4*	MS21042L3	NUT
1	D3920-041	SEATBELT GUIDE ASSEMBLY
2	D3920-5	SEATBELT GUIDE
1	AN4-16A	BOLT
1	AN4-21A	BOLT
7	AN4-25A	BOLT
18	AN960JD416	WASHER
9	MS21042L4	NUT

**WEIGHT & BALANCE**




INSTALLATION	WEIGHT	LATERAL		LATERAL	
		ARM	MOMENT	ARM	MOMENT
D214-702-037B, DART 5-MAN 3 POINT AFT FACING SHOULDER HARNESS KIT	13.9 lb 6.3 kg	0 in 0 m	0 in 0 m	87 in 2.21 m	1209 in lb 13.9 m kg

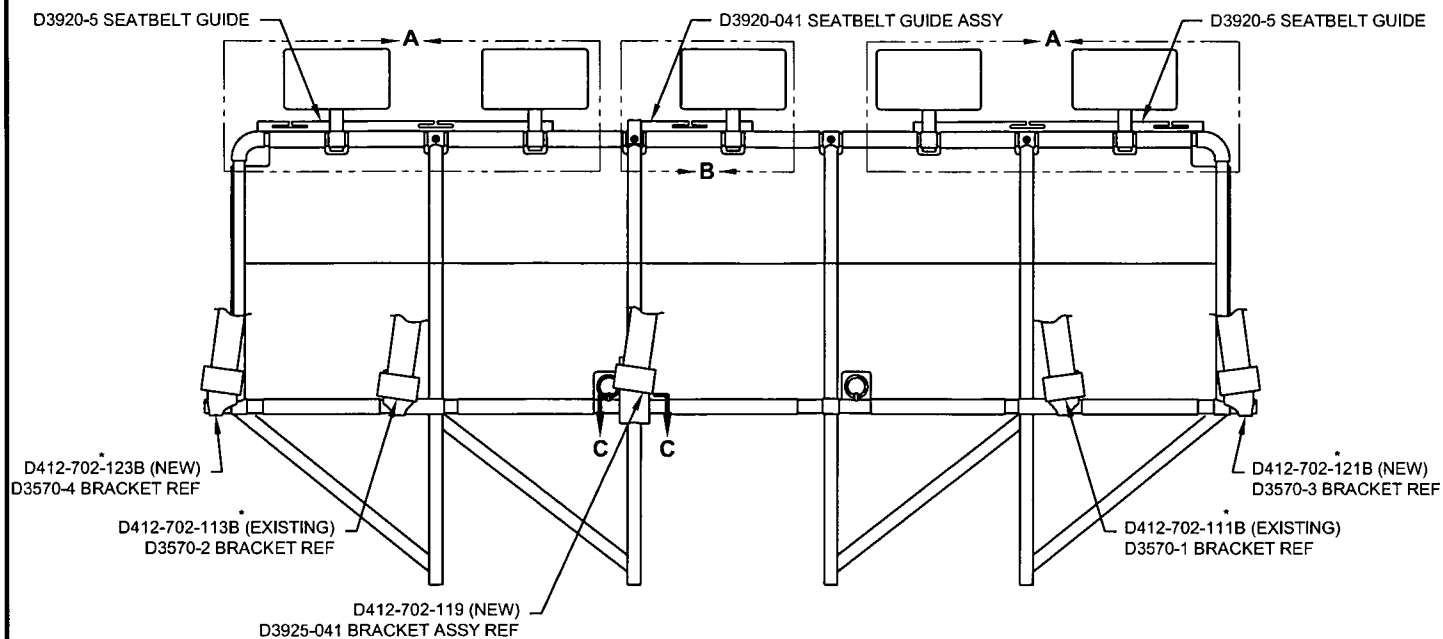
CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

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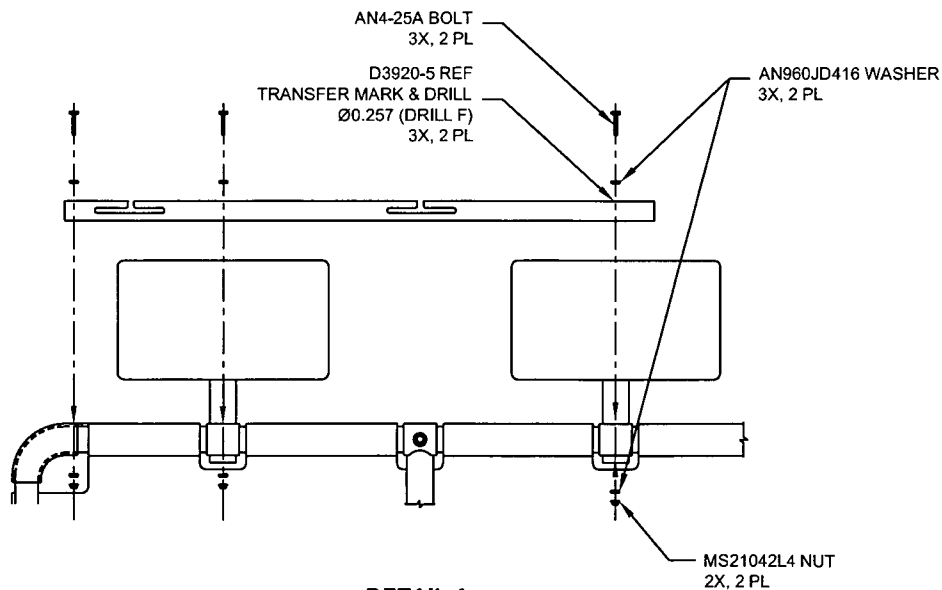
BY:   
D. SHEPHERD (DE # 02)

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**VIEW LOOKING AT BACK OF SEAT  
(FACING AFT)**



**DETAIL A  
2 PL  
SCALE 2X**

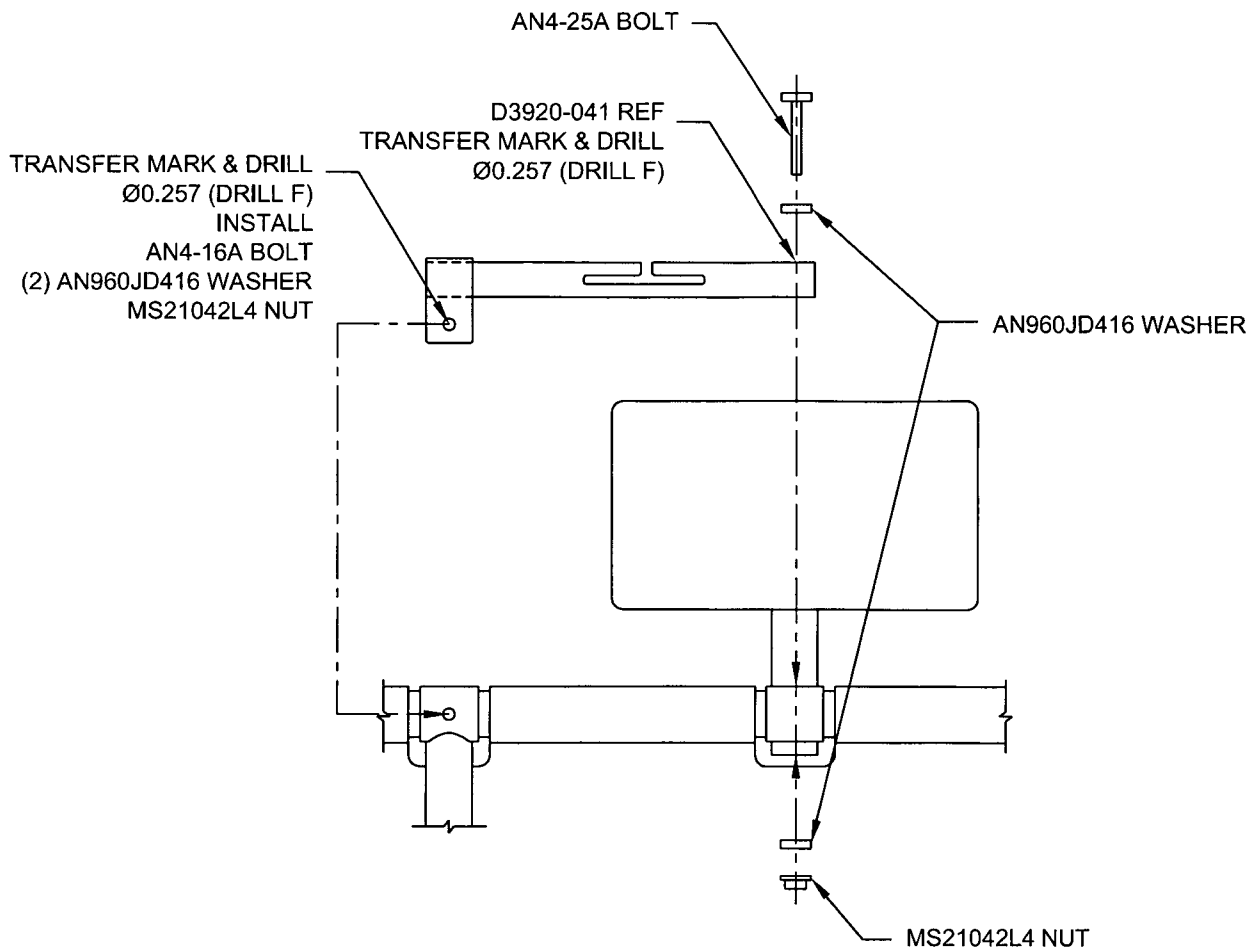
CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED  
BY: *[Signature]*  
D. SHEPHERD (DE # 02)

DATE: 09.04.22  
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ISSUE NO.: 3

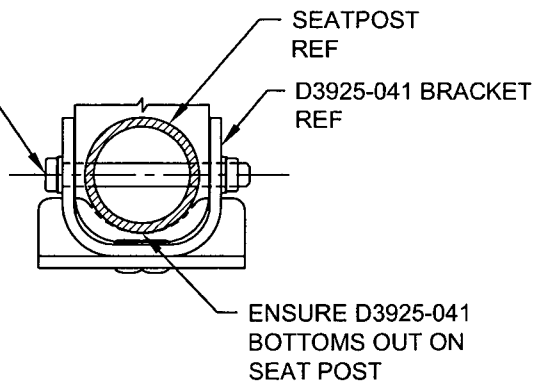
\* INSTALL D3570-X BRACKETS PER VIEW H OF OF IIN-D412-702 & ICA-D412-702.

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MFG. APPR.	N/A	DSI 9454	SHEET 3 OF 4
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### DETAIL B

TRANSFER MARK AND DRILL  
Ø0.257 THRU  
THE D3925-041 BRACKET  
INSTALL  
AN4-21A BOLT  
(2) AN960JD416 WASHER  
MS21042L4 NUT



### SECTION C-C

SCALE 2X

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY: *[Signature]*  
D. SHEPHERD (DE # 02)

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